WHAT IS CLAIMED IS:

- 1. A liquid crystal display device comprising:
- a light-emitting source emitting light; and
- a reflector further comprising a base and a plurality of sidewalls extending from the base,

wherein each of the sidewalls further comprises a multi-angle surface, in conjunction with the base, reflecting the emitted light toward a diffusion plate diffusing the reflected light.

- 2. The device of claim 1, the light emitting source further comprising a lamp.
- 3. The device of claim 1, the light emitting source further comprising a fluorescent lamp attached in the reflector.
 - 4. The device of claim 1, the diffusion plate being made of acrylic resin.
- 5. The device of claim 1, the multi-angle surface being an infinite-angle surface.
- 6. The device of claim 1, the light emitting source, the reflector and the diffusion plate forming a backlight assembly for the liquid crystal display device.

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- 7. The device of claim 1 further comprising a frame accommodating the light emitting source and the reflector.
 - 8. The device of claim 7, the frame further comprising:
 - a base portion mounting the reflector; and
- a plurality of sidewall portions extending from the base portion and supporting the diffusion plate.
- 9. The device of claim 1 further comprising a plurality of optical sheets formed on the diffusion plate.
 - 10. The device of claim 1 further comprising:
 - a prism sheet formed on the diffusion plate; and
 - a diffusion sheet formed on the prism sheet.
 - 11. A liquid crystal display device comprising:
 - a light-emitting source emitting light;
 - a multi-angle reflector for reflecting the emitted light; and
 - a diffusion plate for diffusing the reflected light.
 - 12. The device of claim 11, the reflector further comprising:
 - a base formed substantially parallel to the light emitting source;
 - a plurality of sidewalls extending from the base; and

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1300 I Street, NW Washington, DC 20005 202.408.4000 Fax 202.408.4400 www.finnegan.com each of the sidewalls further comprising a multi-angle surface, in conjunction with the base, reflecting the emitted light toward the diffusion plate.

- 13. The device of claim 11, the light emitting source further comprising a lamp.
- 14. The device of claim 11, the light emitting source further comprising a cold cathode fluorescent lamp.
 - 15. The device of claim 11, the diffusion plate being made of acrylic resin.
- 16. The device of claim 11, the multi-angle surface further comprising an infinite-angle surface and curved surface.
- 17. The device of claim 11 further comprising a frame accommodating the light emitting source and the reflector.
 - 18. The device of claim 17, the frame further comprising:
 - a base portion mounting the reflector; and
- a plurality of sidewall portions extending from the base portion and supporting the diffusion plate.

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- 19. The device of claim 11 further comprising a plurality of optical sheets formed on the diffusion plate.
 - 20. The device of claim 11 further comprising: a prism sheet formed on the diffusion plate; and a diffusion sheet formed on the prism sheet.

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